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PATENT

NOV 12 11 2 21



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Morten MIDDELFART

Application No.: 10/802,509

Group No.: 2176

Filed: March 17, 2004

Examiner: N/A

For: HYPER RELATED OLAP

Attorney Docket No.: U 015082-1

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR REFUND

Deposit Account 12-0425 was charged small entity \$145.00 for multiple dependent claims (Fee Code 2203) and \$27.00 for claims in excess of twenty (Fee Code 2202) on March 19, 2004 (Control Nos. 36 and 37).

However, no claim fee was authorized and no claim fee is required except by response to a Notice (37 CFR 1.16 (m)), which has not issued.

**CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10\***  
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37 C.F.R. 1.10\*

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Date: November 11, 2004

William R. Evans  
(type or print name of person certifying)

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In the meantime, a Preliminary Amendment (copy attached) for the multiple-dependent claims was filed on April 12, 2004. The application has twenty total claims of which two are independent claims.

Refund of the \$172.00 by credit to Deposit Account 12-0425 is requested.

Respectfully submitted,



---

WILLIAM R. EVANS  
LADAS & PARRY LLP  
26 WEST 61<sup>ST</sup> STREET  
NEW YORK, NEW YORK 10023  
REG. NO. 25,858 (212) 708-1930



# UNITED STATES PATENT AND TRADEMARK OFFICE

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97/5

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DATE POSTED MO. DAY YR.	CONTROL NO.	DESCRIPTION (Serial, Patent, TM, Order)	DOCKET NO.	FEE CODE	CHARGES/ CREDITS	BALANCE
3 1 04	17		U013594-4 PU-EMC	8007	20.00	13395.15
3 2 04	1	76079098	TM	6003	100.00	13295.15
3 2 04	121	1258303	TM	9204	-800.00	14095.15
3 3 04	1	09972682	U013670-4 NGBC118053	2201	43.00	14052.15
3 4 04	212			8007	20.00	14032.15
3 8 04	10	10697926		9204	18.00	14050.15
3 8 04	29	10475197	U014857-3	9204	-460.00	14510.15
3 10 04	1	10291142	U014284-4	2251	55.00	14455.15
3 11 04	16	10678729	U 014846-8	2203	145.00	14310.15
3 11 04	193		H252	8007	20.00	14290.15
3 12 04	828	78382973	TM NY-10300113-6	7001	335.00	13955.15
3 16 04	11	10396103	U014486-2	9204	-300.00	14255.15
3 16 04	21	10414901	U014551-7	9204	-300.00	14555.15
3 16 04	441		F 1845A1 GL	8007	60.00	14495.15
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3 18 04	3	10471950	U014808-6	9204	-100.00	15245.15
3 18 04	4	10178386	U014089-2	1251	110.00	15135.15
3 18 04	4	10471950	U014808-6	1609	720.00	14415.15
3 18 04	28	09719058	U 013043-1	2801	385.00	14030.15
3 18 04	29	09719058	U 013043-1	1460	130.00	13900.15
3 18 04	313			8007	20.00	13880.15
3 19 04	3	10471950		9204	-415.00	14295.15
3 19 04	4	10471950	U014808-6	1615	486.00	13809.15
3 19 04	5	10471950		1614	336.00	13473.15
3 19 04	36	10802509	U 015082-1	2202	27.00	13446.15
3 19 04	37	10802509	U 015082-1	2203	145.00	13301.15
3 19 04	135	78386795	TM NY-10400114-7	7001	335.00	12966.15
3 19 04	167	10336658	U 014367-0	1453	200.00	12766.15
3 19 04	528	10259668	U 014228-4	1504	300.00	12466.15
3 24 04	101	10730375	U 014870-1	2202	351.00	12115.15
3 24 04	102	10730375	U 014870-1	2203	145.00	11970.15
3 24 04	132	78196912		8521	40.00	11930.15
3 24 04	133	78196920		8522	25.00	11905.15
3 24 04	134	78196918		8522	25.00	11880.15
3 24 04	135	78196921	TM	8522	25.00	11855.15
3 24 04	136	0244921		8522	25.00	11830.15
AN AMOUNT SUFFICIENT TO COVER ALL SERVICES REQUESTED MUST ALWAYS BE ON DEPOSIT			OPENING BALANCE	TOTAL CHARGES	TOTAL CREDITS	CLOSING BALANCE

\*\*\* O.D. INDICATES OVERDRAWN



Practitioner's Docket

U 015082-1

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of **MORTEN MIDDELFART**

Serial No.: 10/802,509

Group No.:

Filed: March 17, 2004

Examiner:

For: **HYPER RELATED OLAP**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT TRANSMITTAL**

**WARNING:** Failure to file a complete response in compliance with § 1.135(c) leads to a reduction in patent term adjustment - See § 1.704(c)(7).

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. The application is qualified as  
☒ a small entity.  
☐ other than a small entity.

**CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is mandatory;  
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Date: April 12, 2004

Signature

WILLIAM R. EVANS  
(type or print name of person certifying)

Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

## EXTENSION OF TERM

**NOTE:** "Extension of Time in Patent Cases (Supplement Amendments) — If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).

**NOTE:** See 37 C.F.R. §1.645 for extensions of time in interference proceedings, and 37 C.F.R. § 1.550(c) for extensions of time in reexamination proceedings.

**NOTE:** 37 C.F.R. § 1.704(b)" . . . an applicant shall be deemed to have failed to engage in reasonable efforts to conclude processing or examination of an application for the cumulative total of any periods of time in excess of three months that are taken to reply to any notice or action by the Office making any rejection, objection, argument, or other request, measuring such three-month period from the date the notice or action was mailed or given to the applicant, in which case the period of adjustment set forth in § 1.703 shall be reduced by the number of days, if any, beginning on the day after the date that is three months after the date of mailing or transmission of the Office communication notifying the applicant of the rejection, objection, argument, or other request and ending on the date the reply was filed. The period, or shortened statutory period, for reply that is set in the Office action or notice has no effect on the three-month period set forth in this paragraph."

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

(a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 420.00	\$ 210.00
<input type="checkbox"/> three months	\$ 950.00	\$ 475.00
<input type="checkbox"/> four months	\$ 1,480.00	\$ 740.00
<input type="checkbox"/> five months	\$ 2,010.00	\$ 1,005.00

Fee: \$ \_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

☐ An extension for \_\_\_\_\_ months has already been secured. The fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

OR

(b) ☒ Applicant believes that no extension of term is required. However, this is a conditional petition being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee	OR	Addit. Fee
Total	* Minus	**	=	x \$ 9=	\$	x \$ 18=	\$
Indep.	* Minus	***	=	x \$ 43=	\$	x \$ 86=	\$
				+ \$145=	\$	+ \$290=	\$
<input type="checkbox"/> First Presentation of Multiple Dependent Claims							
				Total Addit. Fee	\$ ____	OR	Total Addit. Fee \$ ____

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "O" in Col. 3,  
 \*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** "After final rejection or action (§ 1.113) amendments may be made canceling claims or complying with any requirement of form which has been made." 37 C.F.R. 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

- (c) ☒ No additional fee for claims is required.

OR

- (d) ☐ Total additional fee for claims required \$ \_\_\_\_

### FEE PAYMENT

5. ☐ Attached is a check in the sum of \$ \_\_\_\_  
☐ Charge Account No. 12-0425 the sum of \$ \_\_\_\_  
 A duplicate of this transmittal is attached.

## FEE DEFICIENCY

**NOTE:** *If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).*

6. ☒ If any additional extension and/or fee is required, charge Account No. 12-0425.

AND/OR

- ☒ If any additional fee for claims is required, charge Account No. 12-0425



SIGNATURE OF PRACTITIONER

WILLIAM R. EVANS

(type or print name of practitioner)

Reg. No. 25,858

Tel. No. (212) 708-1930

Customer No. 00140

P.O. Address

c/o Ladas & Parry  
26 West 61 Street  
New York, N.Y. 10023



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: MORTEN MIDDELFART

Serial No.: 10/802,509

Group No.:

Filed: March 17, 2004

Examiner.: -

For: HYPER RELATED OLAP

Attorney Docket No.: U 015082-1

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Please amend the above-identified application as follows:

**CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10\***

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Date: April 12, 2004

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WILLIAM R. EVANS

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"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.*



## **Amendments to the Claims**

1. (Original) A computer-implemented method of preparing a presentation requested from a data report; the method comprising the steps of:

displaying a data report which contains a collection of graphical elements, where a graphical element is bound to a data item, and where a data item is specified by metadata, and where the metadata comprises one or more of a dimension, a dimension value, and a measure;

in response to a user's directed action to the given graphical element, determining at least one association, of a dimension and a measure, by identification of measures and dimensions in the applicable metadata and identification of associations thereof and/or addition of a dimension or measure to an identified measure or dimension;

searching for a stored, like association, where stored associations are related to stored presentation properties, and

applying the related presentation properties to make a presentation of further data items which are specified by the determined at least one association.

2. (Original) A method according to claim 1, wherein the step of making a presentation comprises a step of:

making a presentation confined to a subset of the further data items, which subset is specified by the determined association and a dimension value in the applicable metadata.

3. (Original) A method according to claim 1, wherein the further data items are additionally specified by a dimension value; and wherein the presentation properties are divided into a first group and a second group; and wherein properties of the first group are applied to the further data items as specified by the determined, at least one association; and wherein properties of the second group are applied to a subset of the further data items as further specified by a dimension value of the applicable metadata.

4. (Original) A method according to claim 1, wherein the step of searching for a stored, like association comprises the steps of:

in case a stored, like association is not found, generating presentation properties; and

relating the generated presentation properties to the determined association.

5. (Currently Amended) A method according to ~~any of claims 1 to 4~~ claim 1, wherein the report is configured with a tool providing a user with controls for manipulating presentation properties according to either one of the following steps in response to a user's action:

selecting a presentation object from a collection of presentation objects and selecting graphical properties of the selected presentation object; or

changing an applied presentation object and/or selecting graphical properties of the applied presentation object.

6. (Currently Amended) A method according to ~~any of claims 1 to 5~~ claim 1, wherein the step of searching for stored, like metadata comprises:

determining whether an identified measure or dimension or association thereof can be deemed to be incomplete, and in that event searching for stored, like metadata with associated presentation properties, in which the deemed incomplete metadata are comprised.

7. (Currently Amended) A method according to ~~any of claims 1 to 6~~ claim 1, wherein the step of searching for stored, like metadata comprises:

determining whether the determined association can be deemed to be different from stored associations, and in that event searching for a stored association with related presentation properties, in which a measure or dimension of the determined association is comprised; and applying the presentation properties related to the stored association, which comprises the dimension or the measure, to make the presentation.

8. (Currently Amended) A method according to ~~any of claims 1 to 7~~ claim 1, comprising the step of:

determining multiple associations based on retrieving associations wherein a dimension identified in the applicable metadata is a constituent to thereby discover multiple measures which each forms an association in combination with the identified dimension.

9. (Currently Amended) A method according to ~~any of claims 1 to 8~~ claim 1, comprising the steps of:

for a determined association, determining  
predefined combinations of preferred presentation objects, and  
for each combination, applying the related  
presentation properties to make a presentation of further data items by means of the  
preferred presentation objects.

10. (Currently Amended) A method according to ~~any of claims 1 to 9~~ claim 1, comprising the step of:

at a first point in time, registering an application  
of a presentation object to an association to retrieve that object as a preferred  
presentation object for a determined association at a later point in time.

11. (Original) A method according to claim 1, comprising the steps of:

registering a count of application of a presentation  
object to a given association;  
applying a presentation object with a relatively high  
count as a preferred presentation object.

12. (Currently Amended) A method according to ~~any of claims 1 to 11~~  
claim 1, wherein specific metadata that applies to the data item bound to a given  
graphical element is determined by a framework of the report layout.

13. (Currently Amended) A method according to ~~any of claims 1 to 12~~  
claim 1, wherein values of the data items are obtained by transmitting a request to a  
dataset or retrieved from the request itself.

14. (Currently Amended) A method according to ~~any of claims 1 to 13~~  
claim 1, comprising the further steps of:

from a client computer, sending a request for the  
data report to a web server; at the web server, processing the request and sending  
information to the client for it to render the data report;

in addition to determining the at least one  
association in response to a user's directed action, sending a request to the web server  
with the determined association for the web server to perform the search for a stored,  
like association related to stored presentation properties, and to retrieve the further  
data items; and

from the web server, sending the further data  
items and the presentation properties to the client for it to apply the related  
presentation properties.

[presentation objects may be comprise in the presentation properties]

15. (Currently Amended) A computer readable medium encoded with a  
program which, when run on a computer, executes the method as set forth in ~~any of~~  
~~the claims 1 to 14~~ claim 1.

16. (Currently Amended) A computer program product which when run on a computer executes the method as set forth in ~~any of the claims 1 to 14~~ claim 1.

17. (Original) A software application comprising software for preparing a presentation requested from a data report; the system comprising:

software for displaying a data report which contains a collection of graphical elements, where a graphical element is bound to a data item, and where a data item is specified by metadata, and where the metadata comprises one or more of a dimension, a dimension value, and a measure;

software for determining, in response to a user's directed action to the given graphical element, at least one association, of a dimension and a measure, by identification of measures and dimensions in the applicable metadata and identification of associations thereof and/or addition of a dimension or measure to an identified measure or dimension;

software for searching for a stored, like association, where stored associations are related to stored presentation properties, and

software for applying the related presentation properties to make a presentation of further data items which are specified by the determined at least one association.

18. (Original) A software application according to claim 17, wherein the software for determining the at least one association and searching for a stored like association are integrated in a first individual software application.

19. (Original) A software application according to claim 17, wherein the software for displaying the data report and applying the presentation properties are integrated in a second individual software application.

20. (Original) A software application according to claim 17, wherein the application is arranged as client software and server software which interoperate when run on a client and a server computer, respectively, by:

from the client computer, sending a request for the data report to the server computer; at the server computer, processing the request and sending information to the client computer for it to render the data report;

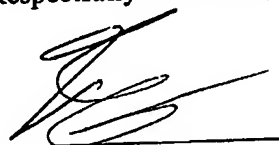
in addition to determining the at least one association in response to a user's directed action, sending a request to the server computer with the determined association for the server computer to perform the search for a stored, like association related to stored presentation properties, and to retrieve the further data items; and

from the server computer, sending the further data items and the presentation properties to the client computer for it to apply the related presentation properties.

**R e m a r k s**

The above amendatory action is taken for the purpose of avoiding claim fees that would otherwise accrue due to the presence of multiple dependent claims.

Respectfully submitted,

A handwritten signature in dark ink, appearing to be 'W. R. Evans', written over a horizontal line.

WILLIAM R. EVANS  
LADAS & PARRY  
26 WEST 61<sup>ST</sup> STREET  
NEW YORK, NEW YORK 10023  
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